

Fallbrook



E. Mission Road in village area



Reche Road eastbound



Via Encinos (narrow shoulder)

Overview

The Fallbrook Community Planning Group (FCPG) and County staff substantively concur on the proposed revisions to the Circulation Element (CE) network. The community has a well-developed network of roads, although projected traffic volumes could result in a LOS E on segments of State Route 76 and short segments in the village area. The character of the roads is a primary concern to the community, and they prefer a road network with multiple linkages and key operational improvements to wider roads that require grading or wide shoulders that encourage faster vehicle speeds.

Minor changes throughout the community include classifying roads as Light Collectors to conform with the FCPG request for roads with a 40-mph design speed. The community also classified some roads with the new Reduced Shoulder standard to reflect existing conditions and to retain the rural character of those roads. New road connections were proposed during the planning process, but only Yucca Road was added to CE network.

Planning Group Preferences

The Planning Group's (FCPG) recommendations match the Proposed Road Network except for the road classification on South Mission Road (staff recommends a 4-lane Major Road and the FCPG recommends a 4-lane Boulevard). In their motion confirming the FCPG revised network, the group also noted:

- *Skepticism on the regional road model:* The FCPG believes the 2030 projected ADT volumes are too high
- *Prioritization of improvements:* The FCPG requests improvements to the intersection of E. Mission Road and Old Highway 395/I-15 be made prior to any widening of E. Mission Road and that E. Mission Road retain its existing condition of 2 lanes plus intermittent turn lanes until a demonstrated need dictates improvement
- *Level of service:* The FCPG accepts LOS E in place of bigger roads that are only necessary at peak hours

Key Issues*CalTrans/SANDAG*

Projected increases to regional traffic volumes by 2030 will congest Interstate 15 and State Route 76 unless improvements not currently funded in the SANDAG 2030 RTP are completed. The projected congestion would impact local roads in Fallbrook as traffic seeks to avoid the congestion on the regional routes.

Unresolved Traffic Congestion

- LOS E is projected on short segments of East Mission Road, Fallbrook Street, Palomino Road, Pepper Tree Lane, and Alvarado Road in the village area.
- The increase in regional traffic volumes projected by 2030 impact roads in Fallbrook – particularly Reche Road, Mission Road, and Old Highway 395. Obtaining sufficient right-of-way for four lanes is recommended for all three roads, although staff recommends improvement to two lanes for Reche Road and Old Highway 395 at this time.
- State Route 76 will continue to experience LOS E conditions, even with an expansion to four lanes, between the Fallbrook/Bonsall CPA boundary and Old Highway 395. Environmental constraints dictate that this road segment should be classified as a four-lane Major Road, and an LOS E is deemed acceptable.

Environmental

Widening of State Route 76, west of I-15, would be problematic due to its location along the San Luis Rey river.

Campus Park Road Network

The three large-scale development projects east of Interstate 15 and north of State Route 76 (Passarelle, Meadowood, and Campus Park West) are still in the project design phase. Final determination of the Circulation Element road network in this area (including road alignments and road naming) requires a defined project and the Proposed Road Network recommendations for this area should not be considered final (although the build-out of the projects, as defined in the June 2005 Draft Land Use and Board Alternative Maps, was used in the GP2020 traffic model).

Board Alternative Map Network

Old Highway 395 has been designated as a four-lane Major Road to accommodate the higher traffic volumes projected in the Board Alternative Map scenario.

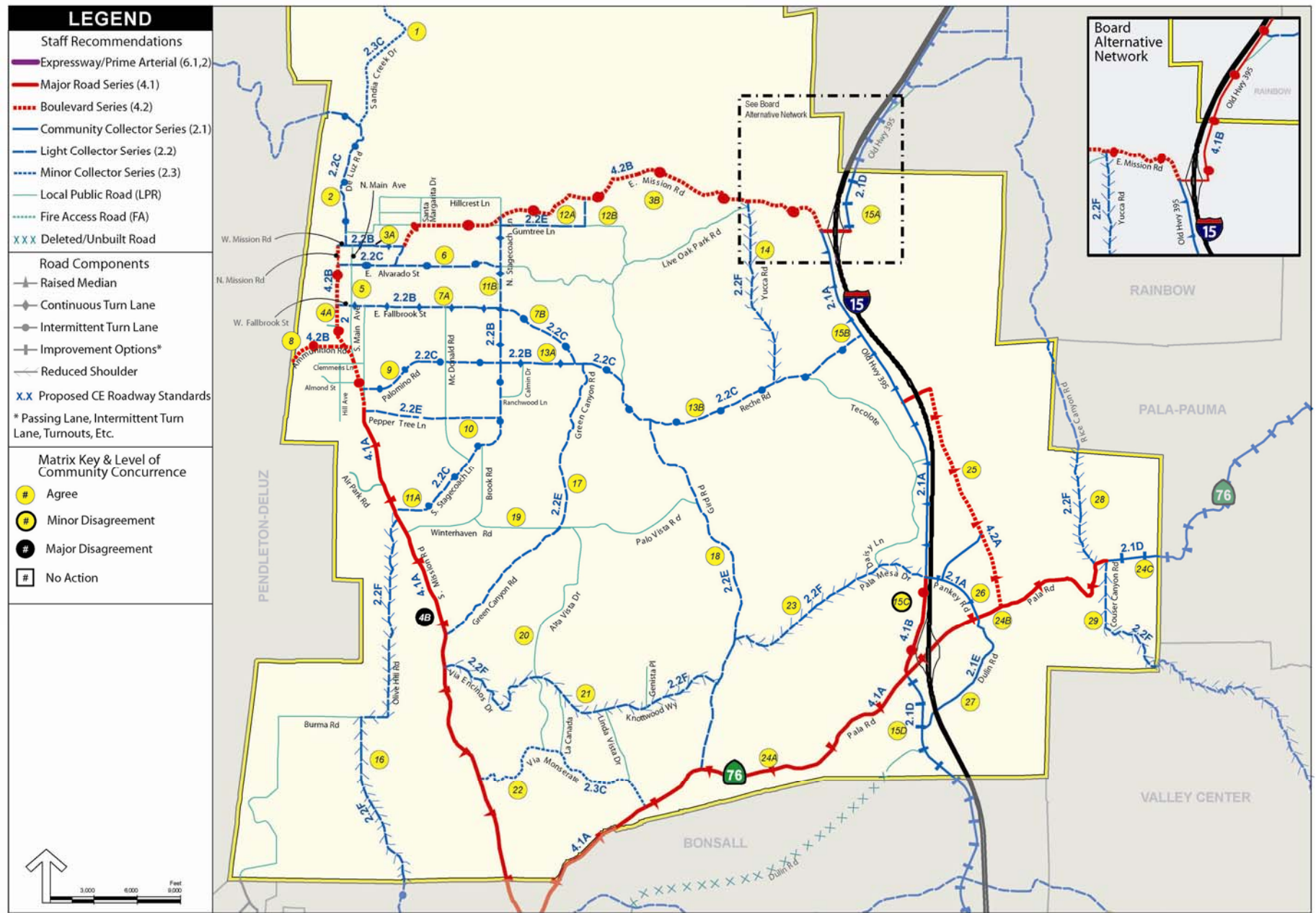
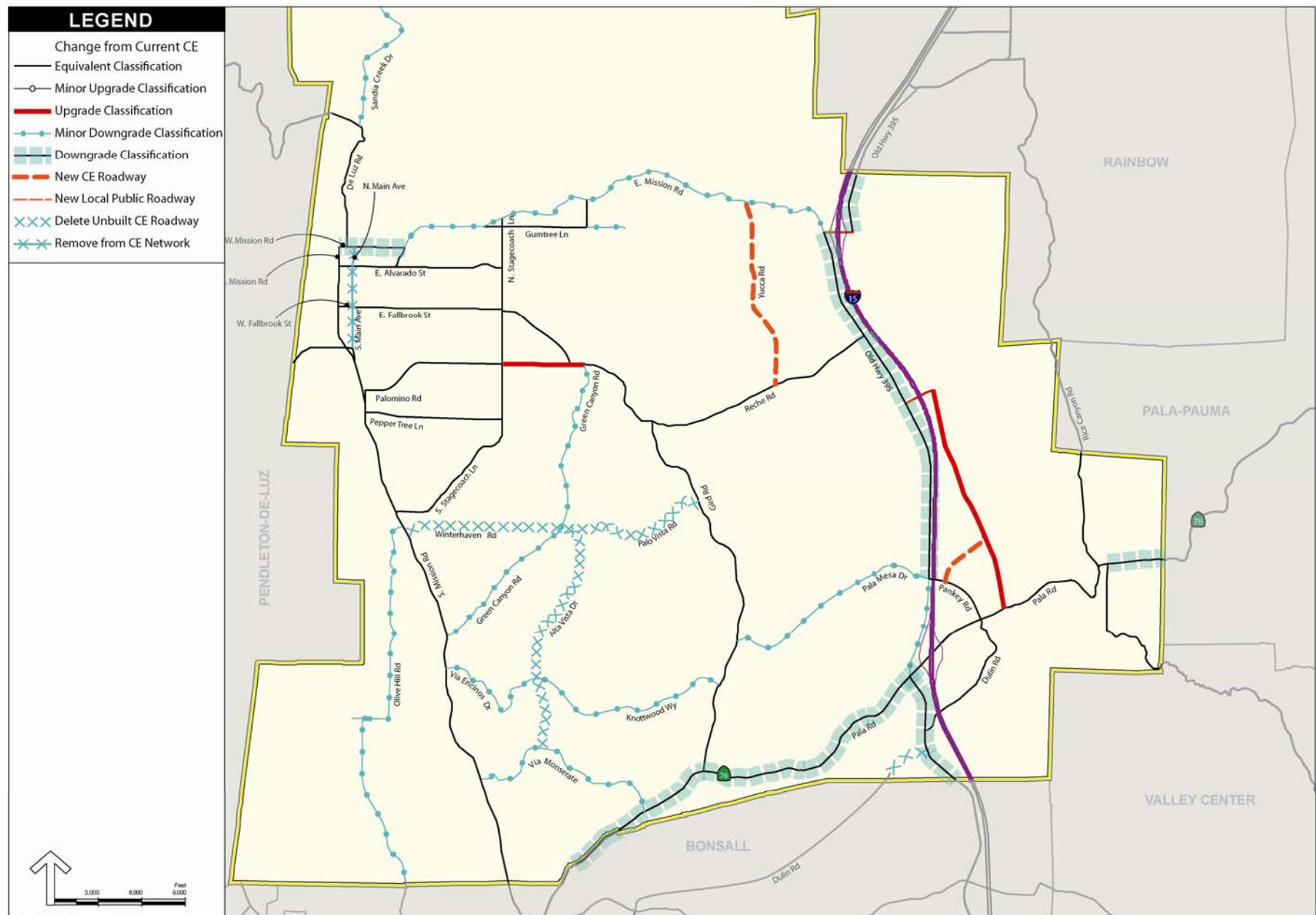


Figure FBK-1: Proposed CE Road Network

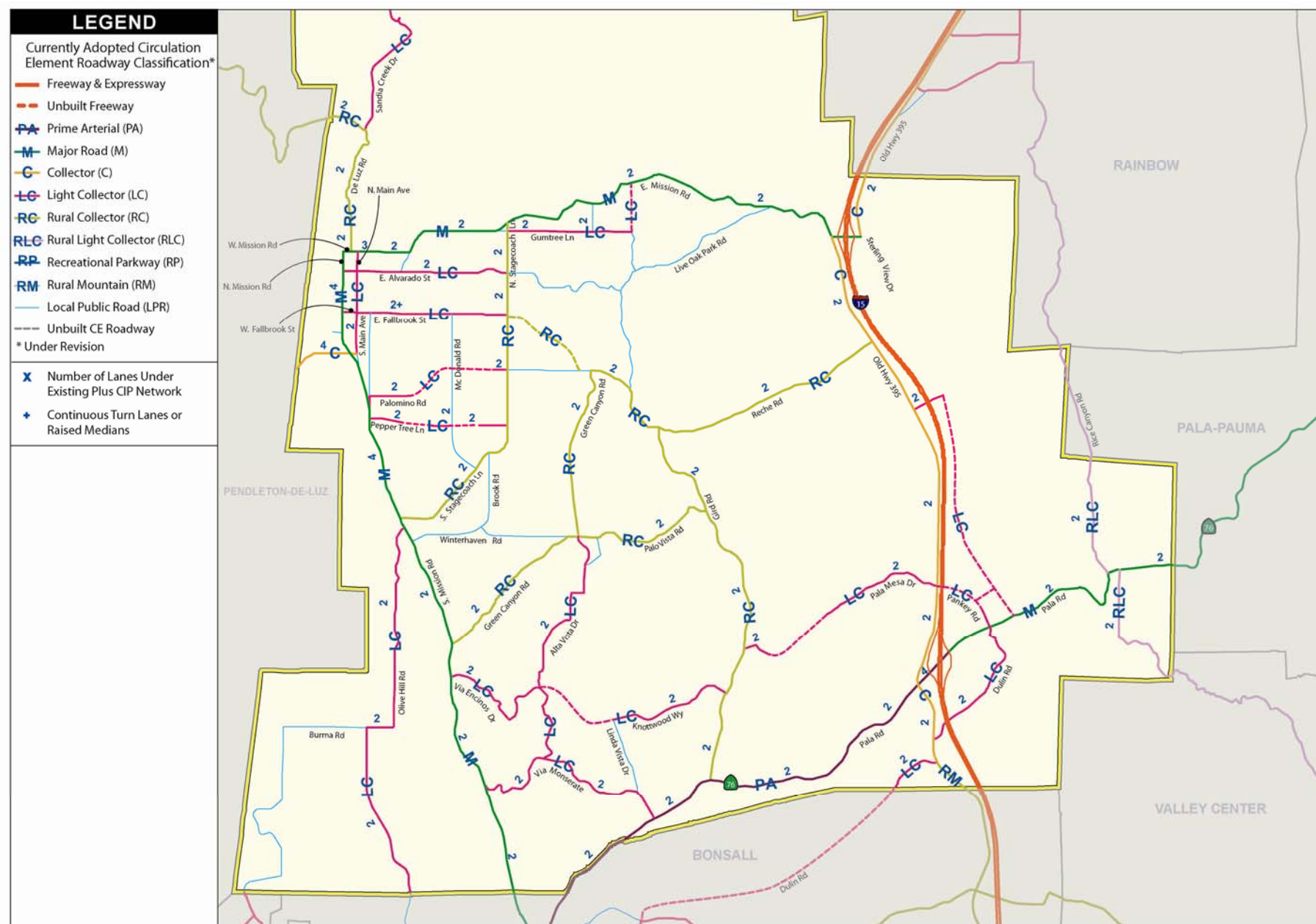


Figure FBK-2: Level of Service and Average Daily Traffic Volumes - Proposed CE Road Network



July 18, 2006

Figure FBK-3: Changes to Current CE Network



July 18, 2006

Figure FBK-4: Existing Plus CIP Network

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
1 Sandia Creek Drive (SC 21) <u>Segment:</u> Complete Segment <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Light Collector (2 lanes)	Minor Downgrade 2.3C Minor Collector (2 lanes)	<ul style="list-style-type: none"> • <i>Minimize Costs</i> – Consistent with projected traffic volumes • <i>Minimize Environmental Impacts</i> – Road traverses substantial terrain and sensitive environmental areas
2 DeLuz Road (SC 10) <u>Segment:</u> W. Mission Road to Sandia Creek Drive <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Rural Collector (2 lanes)	Minor Upgrade 2.2C Light Collector with Intermittent Turn Lanes (2+ lanes)	<ul style="list-style-type: none"> • <i>Road Capacity</i> – Consistent with projected traffic volumes and surrounding land uses Note: Will operate at LOS E (14.7K ADTs) for approximately 3 block segment
3A E. Mission Road (SF 1305) <u>Segment:</u> N. Mission Road to Brandon Road <u>Existing Condition:</u> 2 lanes (+ continuous turn lane) <u>Current Classification:</u> Major Road (4 lanes)	Downgrade Classification 2.2B Light Collector with Continuous Turn Lane (2+ lanes)	<ul style="list-style-type: none"> • <i>Support Land Use Goals</i> – This is an existing road with developed commercial uses, located in the Fallbrook village area • <i>Community Consensus</i> – Road widening would adversely impact community character in a highly visible area and is opposed by the planning group • <i>Road Capacity</i> – Parallel routes (E. Alvarado Street and local roads) provide additional road capacity Note: Will operate at LOS E (15.1K ADTs) for approximately 2 block segment
3B E. Mission Road (SF 1305) <u>Segment:</u> Brandon Road to Old Highway 395/I-15 <u>Existing Condition:</u> 2 lanes with intermittent turn lanes <u>Current Classification:</u> Major Road (4+ lanes)	Minor Downgrade 4.2B Boulevard with Intermittent Turn Lanes (4+ lanes)	<ul style="list-style-type: none"> • <i>Road Capacity</i> – Consistent with projected traffic volumes.

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
4A S. Mission Road (SF 1305) <u>Segment:</u> W. Mission Road to Pepper Tree Lane <u>Existing Condition:</u> 4 lanes (with continuous turn lane) <u>Current Classification:</u> Major Road (4+ lanes)	Minor Downgrade 4.2B Boulevard with Intermittent Turn Lanes (4+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and surrounding land uses <i>Appropriate Road Standard</i> – Boulevard’s slower design speed is appropriate for Village area
4B S. Mission Road (SF 1305) <u>Segment:</u> Winter Haven Lane to SR-76 <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Major Road (4+ lanes)	Equivalent Classification 4.1A Major Road with Raised Median (4+ lanes) <i>CPG Preference:</i> Minor Downgrade 4.2B Boulevard with Intermittent Turn Lanes (4+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes <i>Appropriate Road Standard</i> – Major Road is more appropriate for area outside of Village area and without substantial topographic constraints
5 Main Avenue <u>Segment:</u> Entire segment <u>Existing Condition:</u> 2 lanes with intermittent turn lanes <u>Current Classification:</u> Light Collector (2 lanes)	Remove from CE Network Retain as Local Public Road	<ul style="list-style-type: none"> <i>Support Land Use Goals</i> – Road is not required for community circulation (S. Mission Road runs parallel) and CE requirements would be inconsistent with Fallbrook Village Revitalization Plan efforts <i>Community Consensus</i> – Planning Group preference
6 Alvarado Road (SC 10) <u>Segment:</u> Mission St to Stage Coach Lane <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Light Collector (2 lanes)	Minor Upgrade 2.2C Light Collector with Intermittent Turn Lanes (2+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions Note: Will operate at LOS E (15.0K ADTs) for approximately 2 block segment

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
7A Fallbrook Street (SF 1416) <u>Segment:</u> S. Mission St to Stage Coach Lane <u>Existing Condition:</u> 2 lanes (with continuous turn lane) <u>Current Classification:</u> Light Collector (2 lanes)	Minor Upgrade 2.2B Light Collector with Continuous Turn Lane (2+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions Note: Will operate at LOS E (14.7K ADTs) for approximately 2 block segment
7B E. Fallbrook Street extension (SF 1416) <u>Segment:</u> Stage Coach Lane to Reche Road <u>Existing Condition:</u> Not complete <u>Current Classification:</u> Rural Collector (2 lanes)	Equivalent Classification 2.2E Light Collector (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
8 Ammunition Road (SC 20) <u>Segment:</u> entire road <u>Existing Condition:</u> 4 lanes <u>Current Classification:</u> Collector Road (4 lanes)	Minor Downgrade 4.2B Boulevard with Intermittent Turn Lanes (4+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
9 Palomino Road <u>Segment:</u> Old Stage Road to Stage Coach Lane <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Light Collector (2 lanes)	Minor Upgrade 2.2C Light Collector with Intermittent Turn Lanes (2+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions <i>Maximize Traffic Movement</i> – Will improve connectivity within the village area and provide a link to southern commercial node
10 Pepper Tree Lane (SC 90) <u>Segment:</u> S. Mission Road to Stage Coach Lane <u>Existing Condition:</u> 2 lanes (not complete) <u>Current Classification:</u> Light Collector (2 lanes)	Equivalent Classification 2.2E Light Collector (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions <i>Maximize Traffic Movement</i> – Will improve connectivity within the village area and provide a link to southern commercial node Note: Will operate at LOS E (13.4K ADT) for approximately 1 block segment

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
11A Stage Coach Lane (SA 40) <u>Segment:</u> S. Mission Road to Reche Road <u>Existing Condition:</u> 2 lanes (+ intermittent turn lane) <u>Current Classification:</u> Rural Collector (2 lanes)	Minor Upgrade 2.2C Light Collector with Intermittent Turn Lanes (2+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
11B Stage Coach Lane (SA 40) <u>Segment:</u> Reche Road to E. Mission Road <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Rural Collector (2 lanes)	Minor Upgrade 2.2B Light Collector with Continuous Turn Lane (2+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes
12A Gumtree Lane (SC 30) <u>Segment:</u> <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Rural Collector (2 lanes)	Equivalent Classification 2.2E Light Collector (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
12B Gumtree Lane (SC 30) <u>Segment:</u> Hamilton Lane to SC30 <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Rural Collector (2 lanes)	Remove from CE Network Local Public Road (2 lanes) <i>CPG Preference:</i> Minor Downgrade 2.2F Community Collector with Reduced Shoulder (2 lanes)	<ul style="list-style-type: none"> <i>Minimize Costs</i> – Road segment does not provide a connection to Mission Road east of Hamilton Lane. Deletion from Circulation Element reflects existing condition.

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
13A Reche Road (SF 1416) <u>Segment:</u> Stage Coach Lane to Green Canyon Road <u>Existing Condition:</u> 2 lane (with turn lanes) <u>Current Classification:</u> Local Public Road	Minor Upgrade 2.2B Light Collector with Continuous turn Lane (2+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
13B Reche Road (SF 1416) <u>Segment:</u> Green Canyon Road to Old Highway 395 <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Rural Collector (2 lanes)	Minor Upgrade 2.2C Light Collector with Intermittent Turn Lane (2+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions. Road improvements are needed to handle projected traffic volumes
14 Yucca Road <u>Segment:</u> Reche Road to E. Mission Road <u>Existing Condition:</u> 2 lanes (not complete) <u>Current Classification:</u> not on CE	Minor Upgrade 2.2F Light Collector with Reduced Shoulder (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions. New CE link provides important north-south connection in a needed area
15A Old Highway 395 (SA 15) <u>Segment:</u> Old Highway 395/I-15 Intersection to Fallbrook CPA boundary <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Collector Road (4 lanes)	Downgrade classification 2.1A Community Collector with Raised Median (2+ lanes) <i>4-lane equivalent right-of-way should be retained in case of future need</i>	<ul style="list-style-type: none"> <i>Minimize Costs</i> – Excess traffic volumes linked to regional 2030 traffic from Riverside County. Improvement to 4-lane road would magnify attraction as road parallels I-15. <i>Community Consensus</i> – Consistent with planning group preference <p>Note: Will operate at LOS E (17.2K ADTs)</p>

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
15B Old Highway 395 (SA 15) <u>Segment:</u> Old Highway 395/I-15 Intersection to Pala Mesa Drive <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Collector Road (4 lanes)	Downgrade classification 2.1A Community Collector with Raised Median (2+ lanes) <i>4-lane equivalent right-of-way should be retained in case of future need</i>	<ul style="list-style-type: none"> <i>Minimize Costs</i> – Excess traffic volumes linked to regional 2030 traffic from Riverside County. Improvement to 4-lane road would magnify attraction as road parallels I-15. <i>Community Consensus</i> – Consistent with planning group preference Note: Will operate at LOS E and F (17.5 to 21.1K ADTs)
15C Old Highway 395 (SA 15) <u>Segment:</u> Pala Mesa Drive to SR-76 <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Collector Road (4 lanes)	Equivalent Classification 4.1B Major Road with Intermittent Turn Lanes (4+ lanes) <i>CPG Preference:</i> Minor Downgrade 4.2B Boulevard with Intermittent Turn Lanes (4+ lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes
15D Old Highway 395 (SA 15) <u>Segment:</u> SR-76 to Bonsall CPA boundary <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Collector Road (4 lanes)	Downgrade Classification 2.1D Community Collector with improvement options (2 lanes) <i>4-lane equivalent right-of-way should be retained in case of future need</i>	<ul style="list-style-type: none"> <i>Minimize Costs</i> – Excess traffic volumes linked to regional 2030 traffic. <i>Community Consensus</i> – Consistent with planning group preference Note: Will operate at LOS E (14.7 to 15.6K ADTs)
16 Olive Hill Road (SC 100.5) <u>Segment:</u> S. Mission Road to Bonsall CPA <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Light Collector (2 lanes)	Minor Downgrade 2.2F Light Collector with Reduced Shoulder (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
17 Green Canyon Road (SA 60.2-SC 71) <u>Segment:</u> Reche Road to S. Mission Road <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Rural Collector (2 lanes)	Equivalent classification 2.2E Light Collector (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
18 Gird Road (SA 80) <u>Segment:</u> Reche Road to SR-76 <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Rural Collector (2 lanes)	Equivalent classification 2.2E Light Collector (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
19 Winter Haven Road/Palo Vista <u>Segment:</u> Winter Haven Road to Via Monserate <u>Existing Condition:</u> 2 lanes (not complete) <u>Current Classification:</u> Rural Collector (2 lanes)	Remove from CE Network Local Public Road (2 lanes)	<ul style="list-style-type: none"> <i>Community Consensus</i> – Planning Group preference. Projected traffic volumes consistent with a non-CE road
20 Alta Vista Road (SC 130/140) <u>Segment:</u> Winter Haven Road to Via Monserate <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Light Collector (2 lanes)	Remove from CE Network Local Public Road (2 lanes)	<ul style="list-style-type: none"> <i>Community Consensus</i> – planning group preference. Projected traffic volumes consistent with a non-CE road
21 Via Encinos/Knottwood Way <u>Segment:</u> S. Mission Road. to Gird Road. <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Light Collector (2 lanes)	Minor Downgrade 2.2F Light Collector with Reduced Shoulder (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Provides an important east-west connection for the area <i>Community Consensus</i> – Planning Group preference. Consistent with existing conditions and community character (reduced shoulders)

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
22 Via Monserate (SC 120) <u>Segment:</u> S. Mission Road. to SR-76 <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Light Collector (2 lanes)	Minor Downgrade 2.3C Minor Collector (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
23 Pala Mesa Drive <u>Segment:</u> S. Mission Road. to SR-76 <u>Existing Condition:</u> 2 lanes (not complete) <u>Current Classification:</u> Light Collector (2 lanes)	Minor Downgrade 2.2F Light Collector with Reduced Shoulder (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions. Road did not provide a desirable alternative to other east-west connections
24A SR-76 (Pala Road) <u>Segment:</u> Bonsall CPA to Old Highway 395 <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Prime Arterial (6 lanes)	Downgrade Classification 4.1A Major Road with Raised Median (4+ lanes) <i>CPG Preference:</i> No Action	<ul style="list-style-type: none"> <i>Minimize Costs</i> – Consistent with SANDAG RTP and Caltrans planned improvements <i>Minimize Environmental Impacts</i> - Constrained right-of-way due to environmental constraints (San Luis Rey river) that do not accommodate a six-lane road <p>Note: Will operate at LOS E (51.1 to 52.4K ADT) between Bonsall CPA and Gird Road</p>
24B SR-76 (Pala Road) <u>Segment:</u> Old Highway 395 to Couser Canyon Road <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Major Road (4+ lanes)	Equivalent Classification 4.1A Major Road with Raised Median (4+ lanes) <i>CPG Preference:</i> No Action	<ul style="list-style-type: none"> <i>Road Capacity</i> – Required by projected traffic volumes and consistent with existing classification

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
<p>24C SR-76 (Pala Road)</p> <p><u>Segment:</u> Couser Canyon Road to Fallbrook/Pala-Pauma CPA boundary</p> <p><u>Existing Condition:</u> 2 lanes</p> <p><u>Current Classification:</u> Major Road (4+ lanes)</p>	<p>Downgrade Classification</p> <p>2.1D Community Collector with Improvement Options (2+ lanes)</p> <p><i>Passing lanes are the preferred improvement option.</i></p> <p><i>4-lane equivalent right-of-way should be retained in case of future need</i></p> <p><i>CPG Preference:</i></p> <p>No Action</p>	<ul style="list-style-type: none"> • <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
<p>25 Meadowood/Passarelle Road</p> <p><u>Segment:</u> SR-76 to Canonita Drive</p> <p><u>Existing Condition:</u> Not complete</p> <p><u>Current Classification:</u> Light Collector (2 lanes)</p>	<p>Upgrade Classification</p> <p>4.2A Boulevard with Raised Median (4+ lanes)</p>	<ul style="list-style-type: none"> • <i>Road Capacity</i> – Consistent with projected traffic volumes and proposed project • <i>Support Land Use Goals</i> – Proposed road would traverse a new community with Village densities and characteristics – Boulevard’s slower design speed is consistent with the desired character of the new community
<p>26 Pankey Road (SC 260.2)</p> <p><u>Segment:</u> SR-76 to Pala Mesa Drive</p> <p><u>Existing Condition:</u> not complete</p> <p><u>Current Classification:</u> Light Collector (2 lanes)</p>	<p>Minor Upgrade</p> <p>2.1A Community Collector with Raised Median (2+ lanes)</p>	<ul style="list-style-type: none"> • <i>Road Capacity</i> – Consistent with projected traffic volumes and proposed project <p>Note: Will operate at LOS E (14.9K ADTs) for short segment. Road segment is subject to further refinement during project processing (following project-level analysis)</p>

CE Road Segment	Road Network Recommendations	Basis for Staff Recommendation
27 Dulin Road (SC 260.2) <u>Segment:</u> SR-76 to Old Highway 395 <u>Existing Condition:</u> 2 lanes <u>Current Classification:</u> Light Collector (2 lanes)	Equivalent Classification 2.1E Community Collector (2 lanes) <i>Delete Dulin Road from Circulation Element west of Old Highway 395</i>	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and Lake Rancho Viejo project
28 Rice Canyon Road <u>Segment:</u> Fallbrook/Rainbow CPA boundary to SR-76 <u>Existing Condition:</u> not complete <u>Current Classification:</u> Rural Light Collector (2 lanes)	Minor Downgrade 2.2F Light Collector with Reduced Shoulder (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions
29 Couser Canyon Road <u>Segment:</u> SR-76 to Fallbrook/Valley Center CPA boundary <u>Existing Condition:</u> not complete <u>Current Classification:</u> Rural Light Collector (2 lanes)	Minor Downgrade 2.2F Light Collector with reduced shoulder (2 lanes)	<ul style="list-style-type: none"> <i>Road Capacity</i> – Consistent with projected traffic volumes and existing conditions